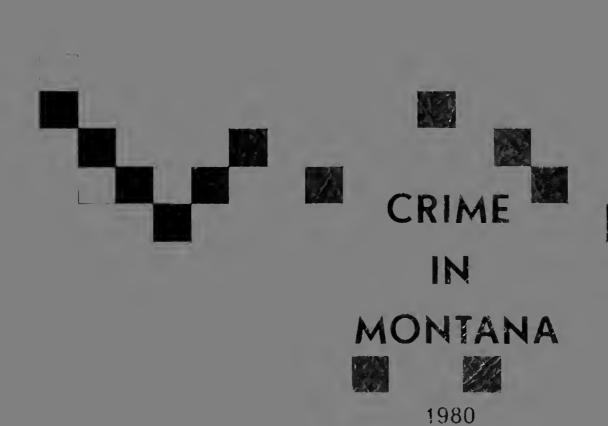
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ANNUAL REPORT





CRIME IN MONTANA

1980 ANNUAL REPORT

Compiled by the

CRIMINAL JUSTICE DATA CENTER

OF THE MONTANA BOARD OF CRIME CONTROL

Dr. Gordon Browder, Chairman

JUNE, 1981



MST OCT 2 7 82

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FOREWORD

Crime in Montana is an annual report prepared by the Criminal Justice Data Center of the Montana Board of Crime Control. It presents an overview of the nature and extent of crime in our state, and also includes a summary of index crimes referenced by the reporting law enforcement agency.

With our crime reporting program ten years old, we have achieved a level of reliability which enhances the utility of the data.

This publication would not be possible without the continuing support of the Montana criminal justice community, which voluntarily provides the source data.

Special thanks go to Bill Erwin of the state Department of Justice Central Services Division for his assistance.

Mike A. Lavin

Rico A Janin_

Administrator

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TABLE OF CONTENTS

INTRODUCTION	1
Criminal Justice Data Center	1
Montana Uniform Crime Reporting Program	2
CRIME IN MONTANA - 1980	5
Crime Factors	5
Statistical Method of Reporting	5
Crime Index	5
	6
Crime Incidence Comparison	7
Crime and Population	9
	0
Crime Clocks	1
Clearances 1	2
Crime by County	3
Offense Summary 1	7
CRIME PROJECTION	9
Statistical Method	9
MONTANA INDEX CRIMES BY CONTRIBUTOR	: 1

INTRODUCTION

This report by the Criminal Justice Data Center contains the most complete and accurate information currently available about crime in Montana. It contains an extensive collection of facts along with detailed analyses of the prevalence of different crimes, crime trends, arrests and crime by law enforcement agency; in short, the nature, extent and location of crime in the state.

While this report addresses not only the informational needs of law enforcement agencies, planners, local government officials and legislators, it should afford citizens an opportunity to assess the state's crime situation.

CRIMINAL JUSTICE DATA CENTER

The major mission of the Montana Criminal Justice Data Center has been the development, implementation and maintenance of data collection systems to provide both essential information on crime as it occurs within the state and on the offenders who are apprehended and enter the criminal justice system, and a statistical analysis of criminal justice data. The Criminal Justice Data Center serves as a statewide clearinghouse for criminal justice information.

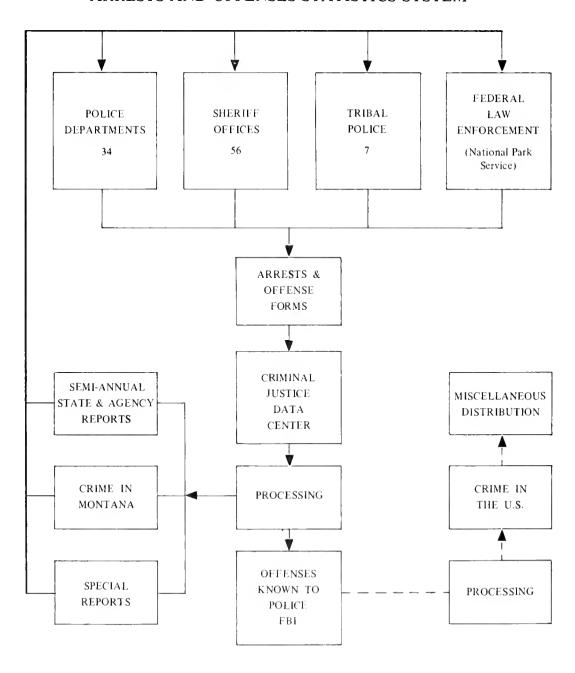
Criminal justice data is furnished to the Data Center by county law enforcement agencies, city police departments and government agencies such as the Bureau of Indian Affairs and the National Park Service. Although reporting is voluntary, nearly all law enforcement agencies participate, as shown on pages 21 through 29.

MONTANA UNIFORM CRIME REPORTING PROGRAM

Montana became involved in the National Uniform Crime Reporting program in September, 1978, when the F.B.I. transferred the responsibility of data collection from its Uniform Crime Reporting Division to the Board of Crime Control's Data Center. This transfer has enhanced crime data collection by giving the state more control over the crime reporting and closer contact with local law enforcement.

Illustration 1.

MONTANA CRIMINAL JUSTICE DATA CENTER
ARRESTS AND OFFENSES STATISTICS SYSTEM



The development of Montana's Uniform Crime Reporting program has encouraged law enforcement participation in record keeping, data collection, data analysis and its use. The law enforcement agencies are wholly responsible for compiling and completing their own crime reports and submitting them to the Data Center. On a monthly basis, law enforcement agencies (as shown on the previous page) report the number of offenses that become known, property stolen by type, value and crime classification, age, sex and race of persons arrested, homicides, arsons and law enforcement officers killed or assaulted.

The Montana Uniform Crime Reporting program involves two distinct data systems: the Arrest Information System and the Offense Information System. The Arrest Information System compiles and summarizes felony and misdemeanor arrests by age, race and sex of the offender, time of day and the day, week and month on which the arrest occurred. The Offense Information System summarizes the type of crimes actually being committed and reported to law enforcement agencies.

Nearly all of the law enforcement agencies in the state participate by reporting the incidence of serious crimes and arrests on a monthly basis. A reporting summary and crime rate by contributor is included on pages 21 through 29. The reporting agencies include all 56 sheriff departments, seven tribal police departments, the National Park Service at Glacier Park, the Bureau of Indian Affairs and 34 local police departments. In addition, many small police departments and campus police units report to the sheriff departments in their counties and the data is forwarded to the Data Center. Several law enforcement agencies have combined during the year while others have elected to do their own jurisdictional crime reporting.

A particularly important service of the Montana Crime Reporting program is statistical feedback to contributors. Data is returned to them in the form of computerized summaries of offenses and arrests, showing crime by offense and arrest categories, clearances, volume of arrests and offenses — all of which is useful to departments in terms of resource distribution, identification of needs and problems, manpower deployment, budget allocations and public relations.

CRIME IN MONTANA-1980

CRIME FACTORS

The amount and type of crime reported in this section is based on offenses reported to the police and does not measure those offenses which the law enforcement community never becomes aware of. A considerable volume of crime is not reported to law enforcement agencies because the victims may consider the offenses against them of very little consequence, they believe there is very little the police can do about them, or they fear publicity of a police investigation or retaliation from offenders. Recent national victimization surveys indicate that the actual number of certain index offenses committed may be fully double the number that are made known to police.

A report on the number and types of crime alone doesn't tell the whole story of criminal activity within the state. Other factors which may influence the type and volume of crime are:

density and size of community composition of the population with reference to age, race and sex economic status of the population stability of population such as seasonal workers and tourism educational, recreational and religious characteristics effective strength of the police force policies of the prosecuting officials and the courts attitude of the public toward law and law enforcement

STATISTICAL METHOD OF REPORTING

Several statistical measurements are used to make the crime data more meaningful: crime index and crime rate. These are discussed below.

CRIME INDEX

The crime index has been used nationwide for many years as a standard for comparing the amount and extent of serious crime.

The index includes seven crimes divided into two groups. The sub-classification allows comparison and contrast of the groups.

Violent Crimes Homicide

Rape Robbery Assault

Property Crimes Burglary

Larceny/Theft

Motor Vehicle Theft

These seven crimes are recognized as the most serious crimes in our society and the most likely to be reported to law enforcement. The numerous other felony and serious misdemeanor offenses are not included in the crime index but are included and reported on page 8, Illustration 3.

The crime index is only an indication of the amount and type of crime occurring in a jurisdiction. It is not an absolute measure. If multiple crimes were committed during an incident and reported, only the most serious is recorded in the index.

CRIME RATE

One of the most commonly used statistical measurements is the crime rate, which calculates the number of incidents which occur for every 100,000 residents. The crime rate is useful in comparing the amount of crime in two areas with unequal populations.

The crime rate is calculated by dividing the total number of serious crimes (usually it is the seven major index crimes) by the population or estimated population and multiplying the answer by 100,000 as follows:

Number of Crimes $\times 100,000 = \text{Rate per } 100,000$

Population of Law Enforcement Jurisdiction

According to the F.B.I. and Bureau of the Census, Montana's 1980 population is 786,690. This is the figure on which the crime rates are based in the following illustration.

Illustration 2.
1980 MONTANA INDEX OFFENSE CRIME RATES

Viole	Violent Crimes			Property Crimes			
Index Offenses	Number Of Offenses	Rate Per 100,000 Population	Index Offenses	Number Of Offenses	Rate Per 100,000 Population		
Homicide	30	3.8	Burglary		893.5		
Rape	166	21.1	Larceny/Theft	25,749	3,274.2		
Robbery	257	32.7	Motor Vehicle Theft	2,319	294.9		
Assault	1,243	158.1					
Total	1,696	215.7	Total	35,095	4,462.7		
GRAND T	OTAL			36,791	4,678.3		

Comparison of the amount of crime and estimated population for the state shows a crime rate of 4,678. This means that 4,678 out of every 100,000 Montanans were victims of a major crime - or more simply:

4,678.0 crimes per 100,000 persons 468.0 crimes per 10,000 persons 47.0 crimes per 1,000 persons 4.7 crimes per 100 persons

Out of every 100 Montanans, 4.7 were victims of an index crime. In 1979, the level of victimization was 4.4 per 100 persons.

CRIME INCIDENCE COMPARISON

A comparison of the number of crimes reported in 1980 to that reported in the previous year provides a measure of the fluctuation in criminal activity.

The number of index crimes increased again this year. The total of 36,791 index crimes reported in 1980 is 1,911 greater than the 34,880 reported in the previous year. A comparison by index crime for 1979 and 1980 is shown in the following illustration with the percent of change in the column at the right.

Illustration 3.
CRIME INCIDENCE COMPARISON
1979-1980

Offense	1979	1980	Percent Change
Homicide	41	30	- 26.8
Rape	183	166	-41.3
Robbery	261	257	- 1.5
Aggravated Assault	1,361	1,243	- 8.7
Total Offenses Against Persons	1,846	1,696	- 8.1
Burglary	6,326	7,027	11.1
Larceny/Theft	24,304	25,749	6.0
Motor Vehicle Theft	2,404	2,319	- 3.5
Total Offenses Against Property	33,034	35,095	6.2
Total 7 Major Offenses	34,880	36,791	5.5
Negligent Manslaughter	5	8	60.0
Other Assaults	1,797	2,628	46.2
Arson	174	182	4.6
Forgery and Counterfeiting	595	572	- 3.9
Fraud	1,674	2,042	22.0
Embezzlement	9	12	33.3
Stolen Property	408	171	- 58.1
Vandalism	11,332	11,973	5.7
Weapons	345	222	- 35.7
Prostitution	22	29	31.8
Sex Offenses	308	406	31.8
Drugs	818	917	-12.1
Gambling	45	28	-37.8
Offenses Against Family	525_	640	21.9
Total Other Offenses	18,057	19,830	9.8
GRAND TOTAL	52,937	56,621	7.0

The major increase was in property crimes. Burglary and larceny/theft increased by 11.1 percent and 6.0 percent respectively. Overall, a 6.2 percent increase in property crime occurred in 1980.

While property crime increased 6.2 percent, reported violent crimes of rape and homicide decreased by 41.3 and 26.8 percent respectively. Aggravated assault recorded a 8.7 percent decrease, causing the whole volume of crimes against persons to decrease by 8.1%.

The volume increase in the larceny/theft and burglary crime categories accounted for the general crime trend increase in all the seven major index offenses.

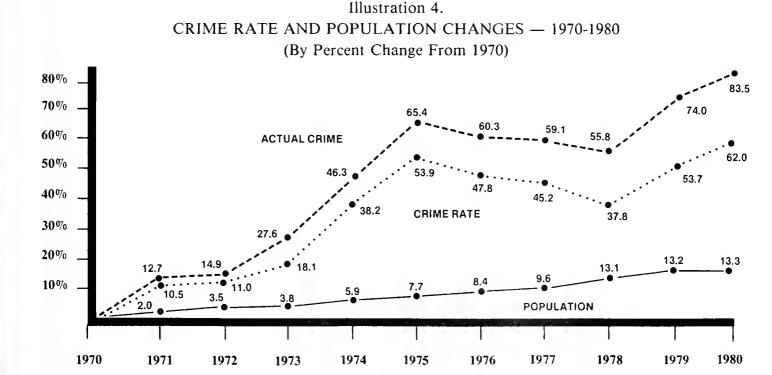
In addition, high volume increases are noted in non-index offenses of fraud at 22 percent increase, other assaults at 46.2% increase, sex offenses at 31.8 percent increase and drugs at 12.1 percent increase.

Illustration 3 on the previous page shows the specific changes in the seven major index crimes as well as the other felony and serious misdemeanor classifications.

CRIME AND POPULATION

In order to demonstrate the crime trend and the population trend over a period of years, a percent change is calculated using 1970 as the base year. In 1970, Montana recorded 20,052 index crimes with a crime rate of 2,887.6 per 100,000 and a population of 694,409. The rapid increase in crime in the earlier years of this decade corresponds to very small increases in the state population. By 1980, the crime rate had increased 62.0 percent over 1970 while the state population had grown only 13.3 percent in that same period.

Illustration 4 indicates a leveling off and decrease in the overall crime picture from the 1975 peak through 1978; however, the 1979 and 1980 increases are reflected in percentage changes which surpass the 1975 peak. The population trend shows a steady increase to 786,690 in 1980.



CRIME OFFENSE PROFILE

The circle graph below shows the proportion of each index crime to the total of all the index crimes reported in 1980.

Three property crimes — burglary, larceny/theft and motor vehicle theft — account for 95.4 percent of all major crimes reported in 1980. Violent crimes of homicide, rape, robbery and aggravated assault accounted for 4.6 percent of the index offenses.

Illustration 5. CR1ME PROFILE - 1980

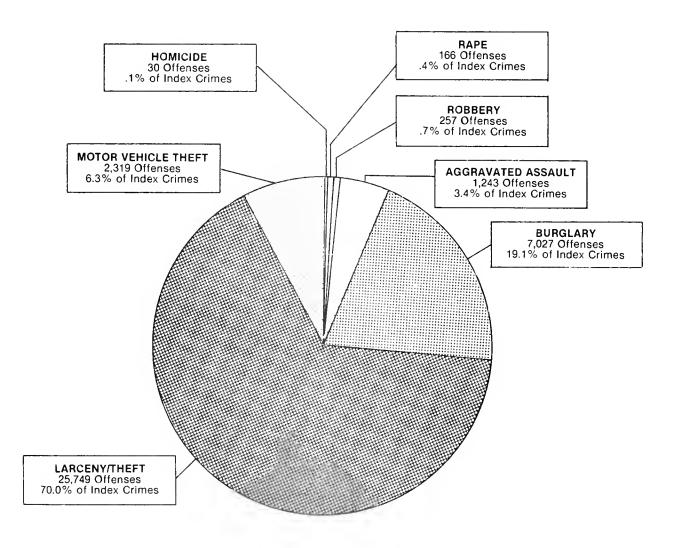
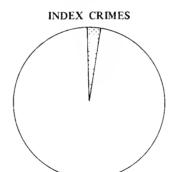


Illustration 6. CRIME CLOCKS - 1980

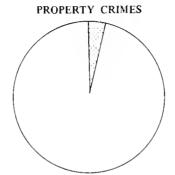


One every 14 min.

VIOLENT CRIMES

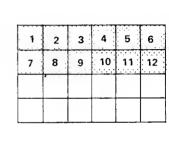
One every 5 hrs.

RAPE



One every 15 min.

ROBBERY



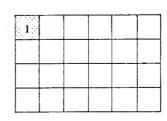
HOMICIDE

One every 12 days

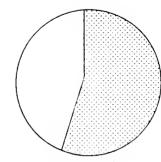
AGGRAVATED ASSAULT

ويتحتا			 	
1	2			

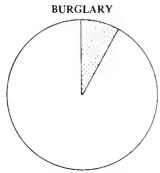
One every 2 days



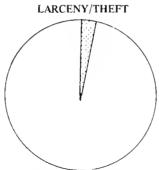
One every day



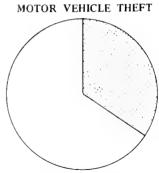
One every 7 hrs.



One every hour



One every 20 min.



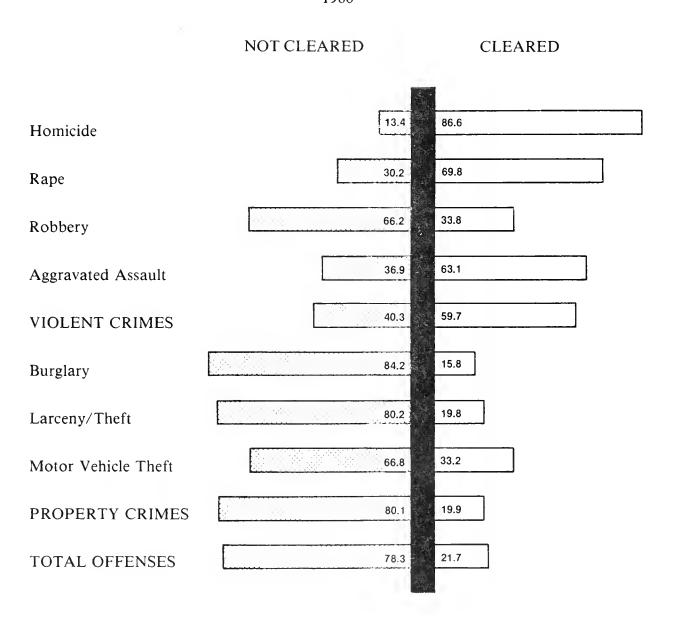
One every 4 hrs.

CLEARANCES

An offense is considered cleared when a law enforcement agency has identified the offender and gathered sufficient evidence and filed a charge. The arrest of one person can clear several crimes or conversely, several persons may be arrested in the process of clearing one crime.

The following illustration shows the percent of offenses cleared by arrest. Note that property crimes — burglary, larceny/theft and motor vehicle theft — have the lowest percent of clearance, while violent crimes or crimes against persons have a higher percentage of clearance.

Illustration 7.
PERCENT OF OFFENSES CLEARED BY ARREST
1980



CRIME BY COUNTY

The crime rate for each county in Montana is listed below. Five counties are above the statewide average of 4,678.3 crimes reported per 100,000. These five counties contain 45.7 percent of the total state population and were the scene of 67.4 percent of the reported index crimes.

The five counties are not a contiguous geographical high-crime area; rather, they correspond to high population areas of the state. Two of the top ten counties, Broadwater and Sweet Grass, have low populations. In such relatively low populated jurisdictions, any fluctuation in the number of crimes creates a major impact on the crime rate.

Illustration 8.
CRIME RATE BY COUNTY
1980 Ranking

1					
1.	Lewis & Clark	8067.1	29.	Liberty	2018.0
2.	Cascade	8064.8	30.	Carbon	1963.2
3.	Missoula	6982.7	31.	Prairie	1960.8
4.	Yellowstone	6322.0	32.	Chouteau	1904.1
5.	Flathead	5170.7	33.	Pondera	1871.9
STAT	E TOTAL	4678.3	34.	Phillips	1788.7
6.	Broadwater	4622.0	35.	Musselshell	1738.9
7.	Sweet Grass	4570.9	36.	Park	1714.1
8.	Beaverhead	4471.0	37.	Toole	1619.0
9.	Rooseveli	4413.9	38.	Sanders	1406.3
10.	Custer	4391.0	39.	Fallon	1381.9
11.	Gallatin	4210.9	40.	Meagher	1299.9
12.	Lincoln	4202.3	41.	Blaine	1200.2
13.	Hill	3997.8	42.	Wheatland	1102.2
14.	Silver Bow	3856.4	43.	Teton	1001.4
15.	Granite	3740.7	44.	Daniels	987.7
16.	Powell	3650.5	45.	Powder River	952.4
17.	Valley	3648.8	46.	Madison	703.2
18.	Fergus	3617.3	47.	McCone	458.9
19.	Dawson	3481.6	48.	Judith Basin	75.6
20.	Ravalli	2898.7	49.	Sheridan	73.9
21.	Rosebud	2858.9	50.	Glacier	28.2
22.	Richland	2752.6	51.	Carter	0
23.	Mineral	2721.1	52.	Deer Lodge	0
24.	Lake	2518.9	53.	Garfield	0
25.	Jefferson	2418.6	54.	Golden Valley	0
26.	Wibaux	2235.8	55.	Petroleum	0
27.	Stillwater	2179.3	56.	Freasure	0
28.	Big Horn	2162.9			

Illustration 9a. CRIME INDEX REPORT

STATE SUMMARY FOR JANUARY 1, 1980 THROUGH DECEMBER 31, 1980

Population or Estimate: 786,415	Sq. Mi.: 14	6,869	Population I	Density: 5	5.4
OFFENSE CLASSIFICATION	Number Of Actual Offenses	Crime Index Per 100,000 Population	Offense Occurs Every	Number Cleared By Arrest	Percent Cleared By Arrest
Murder and Non-Negligent Manslaughter	30	3.8	12 DA	26	86.6
Forcible Rape	166	21.1	2 DA	26 116	69.8
Robbery	257	32.7	2 DA 1 DA	87	33.8
Aggravated Assault	1,243	158.1	7 HR	785	
Aggiavateu Assault	1,243	136.1	<u> </u>		63.1
TOTAL OFFENSES AGAINST PERSONS	1,696 *	215.7 *	5 HR *	1,014 *	59.7 *
Burglary	7,027	893.5	1 HR	1,115	15.8
Larceny/Theft	25,749	3,274.2	20 MIN	5,102	19.8
Motor Vehicle Theft	2,319	294.9	4 HR	772	33.2
TOTAL OFFENSES AGAINST PROPERTY	35,095 *	4,462.7 *	15 MIN *	6,989 *	19.9 *
TOTAL SEVEN MAJOR OFFENSES	36,791 *	4,678.3 *	14 MIN *	8,003 *	21.7 *
Manslaughter by Negligence	8	1.0	2 MO	5	62.5
Other Assaults - Simple - Not Aggravated	2,628	334.2	3 HR	1,660	63.1
Arson	182	23.1	2 DA	43	23.6
Forgery and Counterfeiting	572	72.7	15 HR	230	40.2
Fraud	2,042	259.7	4 HR	845	41.3
Embezzlement	12	1.5	1 MO	4	33.3
Stolen Property: Buying, Receiving, Possessing	171	21.7	2 DA	121	70.7
Vandalism	11,973	1,522.5	44 MIN	1,839	15.3
Weapons: Carrying, Possessing, Etc	222	28.2	2 DA	139	62.6
Prostitution and Commercialized Vice	29	3.7	13 DA	27	93.1
Sex Offenses	406	51.6	22 HR	153	37.6
Narcotic Drug Laws	917	116.6	10 HR	754	82.2
Gambling	28	3.6	13 DA	16	57.1
Offenses Against Family and Children	640	81.4	14 HR	371	57.9
TOTAL OTHER OFFENSES	19,830 *	2,521.6 *	26 MIN *	6,207 *	31.3 *
GRAND TOTAL	56,621 *	7,199.9 *	9 MIN *	14,210 *	25.0 *
*Indicates sub-totals and totals.					

Illustration 9b. OFFENSES KNOWN TO THE POLICE

STATE SUMMARY FOR JANUARY 1, 1980 THROUGH DECEMBER 31, 1980

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rolice 41 * 33 8 90 * 50 40 70 * 06 29 22 13 69 * 71 87 94 33 84 70 *	Offens 3 3 0 24 22 2 13 4 3 1 5 98 11 7 7 17 56	** **	Offens 38 30 8 166 128 38 257 102 26 21 108 3,871 260 180 187 616 2,628	**	Arrest 31 * 26 5 116 * 91 25 87 * 42 11 6 28 2,445 * 167 119 102 397 1,660	Unde
41 * 33 8 90 * 50 40 70 * 06 29 22 13 69 * 71 87 94 33 84 70 *	3 3 0 24 22 2 13 4 3 1 5 98 11 7 7 7 17 56	* * *	38 30 8 166 128 38 257 102 26 21 108 3,871 260 180 187 616 2,628	* *	31 * 26	299. 1. 2 29. 1. 3. 20.
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8 90 * 50 40 70 * 06 29 22 13 69 * 71 87 94 33 84 70 *	0 24 22 2 13 4 3 1 5 98 11 7 7 7 17 56	*	8 166 128 38 257 102 26 21 108 3,871 260 180 187 616 2,628	*	5 116 * 91 25 87 * 42 11 6 28 2,445 * 167 119 102 397 1,660	299 1. 2 29. 1. 3. 20.
90 * 50 40 70 * 06 29 22 13 69 * 71 87 94 33 84 70 *	24 22 2 13 4 3 1 5 98 11 7 7 7 17 56	*	166 128 38 257 102 26 21 108 3,871 260 180 187 616 2,628	* *	116 * 91 25 87 * 42 11 6 28 2,445 * 167 119 102 397 1,660	299 1.22 1.33 209
50 40 70 * 06 29 22 13 69 * 71 87 94 33 84 70 *	22 2 13 4 3 1 5 98 11 7 7 7 17 56	*	128 38 257 102 26 21 108 3,871 260 180 187 616 2,628	*	91 25 87 42 11 6 28 2,445 167 119 102 397 1,660	299 11 2 1. 33 200
40 70 * 06 29 22 13 69 * 71 87 94 33 84 70 *	2 13 4 3 1 5 98 11 7 7 7 17 56	*	38 257 102 26 21 108 3,871 260 180 187 616 2,628	*	25 87 * 42 11 6 28 2,445 * 167 119 102 397 1,660	299. 1. 2 1. 3. 200
70 * 06 29 22 13 69 * 71 87 94 33 84 70 *	13 4 3 1 5 98 11 7 7 7 17 56	*	257 102 26 21 108 3,871 260 180 187 616 2,628	*	87 * 42 11 6 28 2,445 * 167 119 102 397 1,660	299 11 2 1. 33 200
06 29 22 113 69 * 71 87 94 33 84 70 *	4 3 1 5 98 11 7 7 17 56	*	102 26 21 108 3,871 260 180 187 616 2,628	*	42 11 6 28 2,445 * 167 119 102 397 1,660	29. 1. 2 1. 3. 20
29 22 113 69 * 71 87 94 33 84 70 *	3 1 5 98 11 7 7 17 56		26 21 108 3,871 260 180 187 616 2,628	*	11 6 28 2,445 * 167 119 102 397 1,660	29. 1. 2 1. 3. 20
22 13 69 * 71 87 94 33 84 70 *	1 5 98 11 7 7 17 56		21 108 3,871 260 180 187 616 2,628	*	6 28 2,445 * 167 119 102 397 1,660	299 11 2 11 33 200
13 69 * 71 87 94 33 84 70 *	5 98 11 7 7 17 56		108 3,871 260 180 187 616 2,628		28 2,445 * 167 119 102 397 1,660	299 11. 22 11. 33. 209
69 * 71 87 94 33 84 70 *	98 11 7 7 17 56		3,871 260 180 187 616 2,628		2,445 * 167 119 102 397 1,660	29. 1. 2 1. 3. 20!
71 87 94 33 84 70 *	11 7 7 17 56		260 180 187 616 2,628		167 119 102 397 1,660	1. 2 1. 3. 200
87 94 33 84 70 *	7 7 7 17 56	*	180 187 616 2,628		119 102 397 1,660	2 1. 33 209
94 33 84 70 *	7 17 56 138	*	187 616 2,628		102 397 1,660	1. 33 209
33 84 70 *	17 56 138	*	616 2,628		397 1,660	30 20
84 70 * 19 *	56 138	*	2,628		1,660	209
70 * 19 *	138	*	•		1,660	209
19 *		*	4,332	*	2,679 *	32
	202					
10	292	*	7,027	*	1,115 *	50
10	175		4,435		807	384
02	85		2,017		255	111
07	32		575		53	1
74 *	525	*	25,749	*	5,102 *	1,79
			,		,	
			-,		_	12
	-					4
	34		411		108	2
75 *	1,180	*	35,095	*	6,989 *	2,49
45 *	1,318	*	39,427	*	9,668 *	2,81
5 6 4 2	682 * 570 667 445 275 *	570 253 667 76 445 34 275 * 1,180	570 253 667 76 445 34 275 * 1,180 *	570 253 1,317 667 76 591 445 34 411 275 * 1,180 * 35,095	570 253 1,317 667 76 591 445 34 411 275 * 1,180 * 35,095 *	570 253 1,317 466 667 76 591 198 445 34 411 108 275 * 1,180 * 35,095 * 6,989 *

Illustration 9b. (Con't.) OFFENSES KNOWN TO THE POLICE

STATE SUMMARY FOR JANUARY 1, 1980, THROUGH DECEMBER 31, 1980

	Offenses Reported			Number o	f Offenses Cleared
CLASSIFICATION OF OFFENSES	Or Known By Police	Unfounded Offenses	Actual Offenses	Cleared By Arrest	By Arrest Under 18
Arson	186 *	4 *	182 *	43 *	21 *
Forgery and Counterfeiting	581 *	9 *	572 *	230 *	51 *
Fraud	2,075 *	33 *	2,042 *	845 *	32 *
Embezzlement	12 *	0 *	12 *	4 *	0 *
Stolen Property: Buying, Receiving, Possessing	175 *	4 *	171 *	121 *	33 *
Vandalism	12,061 *	88 *	11,973 *	1,839 *	766 *
Weapons: Carrying, Possessing, Etc	226 *	4 *	222 *	139 *	15 *
Prostitution and Commercialized Vice	29 *	0 *	29 *	27 *	2 *
Sex Offenses	419 *	13 *	406 *	153 *	34 *
Narcotic Drug Laws Opiates Marijuana Dangerous Drugs Other	940 * 35 757 84 64	23 * 1 11 2 9	917 * 34 746 82 55	754 * 31 620 64 39	211 * 3 195 7 6
Gambling	30 *	2 *	28 *	16 *	3 *
Offenses Against Family and Children	663 *	23 *	640 *	371 *	82 *
TOTAL OTHER OFFENSES	17,397 *	203 *	17,194 *	4,542 *	1,250 *
GRAND TOTAL	58,142 *	1,521 *	56,621 *	14,210 *	4,065 *
*Indicates sub-totals and totals.					

OFFENSE SUMMARY

- * Crimes against property accounted for 95.4 percent of all reported offenses.
- * Crimes against persons accounted for 4.6 percent of all reported offenses.
- * An index crime occurs every 14 minutes with a property crime occurring every 15 minutes. Violent crime occurs every 5 hours.
- * From 1970 through 1980, the number of crimes increased 83.5 percent while the estimated population increased only 13.3 percent.
- * Crime rates relate the incidence of crime to population. The crime rate can be considered a victim risk rate because it demonstrates the risk of becoming a crime victim. Thus, of every 100 Montanans, 4.7 were victims of an index crime and 7.2 were victims of an index crime and serious crime combined.
- * Of the 36,791 major offenses known, only 21.7 percent was cleared, either by arrest or exceptional means.

CRIME PROJECTION

STATISTICAL METHOD

The number of recorded index offenses in Montana has increased from 20,052 in 1970 to 36,791 in 1980. This change indicates a 83.5 percent increase. Much of this increase can be attributed to better and more sophisticated reporting methods by the law enforcement agencies. In addition, the increased population also has an influence on the number of crimes.

The illustration on the following page shows the trend increases and decreases in crime from 1970 as well as a projection to 1985 based on previous years.

Two methods are used in developing the crime projection. The first, a straight-line method, uses the average yearly increase of 6.5 percent for a ten-year period from 1970 to 1980. This increment, accumulated each year, indicates that crimes will reach 50,736 in 1985.

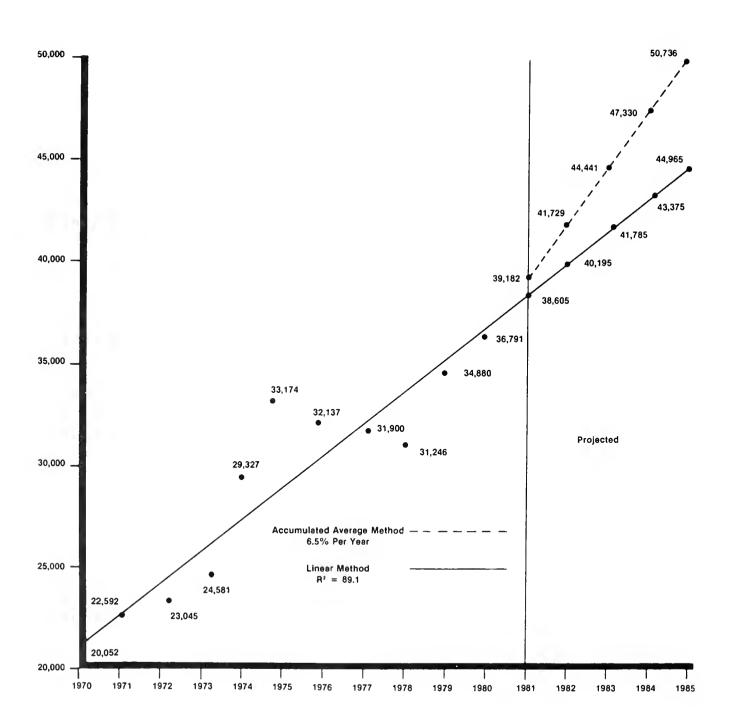
The second projection method, linear least squares regression, plots on the illustration the number of crimes for the nine-year period. Using the regression formula, y = a + bx, a line is then projected to 1985. By this method, the number of crimes is projected to be 44,965 in 1985.

A summary of the two projection methods is shown as follows:

	Actual Crimes		Projected Crimes				
	in 1980	1981	1982	1983	1984	1985	
Accumulation Average Method	36,791	39,182	41,729	44,441	47,330	50,736	
Linear Regression Method		38,605	40,195	41,785	43,375	44,965	

It is important to note that the projections are not point estimations but rather trend estimates. Thus, it is predictable that Montana can anticipate crimes in 1985 to be between 44,965 and 50,736 if present trends continue.

Illustration 10. MONTANA PROJECTED CRIMES (Seven Major Index Crimes) 1970-1985



MONTANA INDEX CRIMES BY CONTRIBUTOR

This section is a summary of offenses reported to each law enforcement agency. Several crime rates may appear to be extreme for some jurisdictions; however, this is because in communities with low populations, any fluctuation in the number of crimes creates a major impact on the crime rate.

The population figures for each jurisdiction are provided by the Federal Bureau of Investigation through the Bureau of Census.

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MOTOR VEHICLE THEFT	5 9	16	9 9	7	8 9 71		23 357 1 381
LARCENY/ THEFT	91 199 290	97 33 130	25 11 36	117	65 17 82		187 4,177 24 4,388
BURGLARY	2 48 50	46 17 63	19 6 2 27	20 20	29 21 50		91 1,463 2 1,556
AGGRAVATED ASSAULT	5	15 12 2 7	£ 6	9 9	2 7 9		12 94 4
ROBBERY	1	7 3 10					6 56 62
RAPE	2	5 5	1 2 2 5 5				1 10 11
HOMICIDE		2 2	1		1		
TOTAL	103 263 366	185 65 250	54 26 4 84	151	105 54 159	0	320 6,157 31 6,508
CRIME RATE PER 100,000	2,446.6 6,614.7 4,471.0	3,027.8 1,303.7 2,162.9	1,299.0 1,429.4 391.0 1,200.2	4,622.0 4, 622.0	1,692.7 2,848.1 1,963.2	00	1,379.4 10,854.1 4,010.3 8,064.8
1980 POPULATION ESTIMATE	4,210 3,976 8,186	6,110 4,986 11,096	4,157 1,819 1,023 6,999	3,267 3,2 67	6,203 1,896 8,099	1,799 1,799	23,198 56,725 773 80,696
MONTHS CONTRIB- UTED	12	12 A	12 A 12	12	11	0	12 12 12
AGENCY	BEAVERHEAD COUNTY Sheriff Dillon TOTAL	BIG HORN COUNTY Sheriff Crow Tribe TOTAL	BLAINE COUNTY Sheriff Ft. Belknap Harlem TOTAL	BROADWATER COUNTY Sheriff TOTAL	CARBON COUNTY Shenff Red Lodge TOTAL	CARTER COUNTY Sheriff TOTAL	CASCADE COUNTY Sheriff Great Falls Cascade City TOTAL

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AGENCY	MONTHS CONTRIB- UTED	1980 POPULATION ESTIMATE	CRIME RATE PER 100,000	TOTAL	HOMICIDE	RAPE	ROBBERY	AGGRAVATED ASSAULT	BURGLARY	LARCENY/ THEFT	MOTOR VEHICLE THEFT
CHOTEAU COUNTY Sheriff Fort Benton TOTAL	12	4,399 1,693 6,092	1,909.5 1,890.1 1,904.1	84 32 116		- -	- -	<u> </u>	14 17 31	56 12 68	ယက္က
CUSTER COUNTY Sheriff Miles City TOTAL	10 10	3,507 9,602 13,109	2,851.4 4,926.1 4,371.0	100 473 573	2	,- - -	- 4 W	8 12 20	18 103 121	60 293 353	12 59 71
DANIELS COUNTY Sheriff TOTAL	12	2,835 2,83 5	987.7 987.7	28 28					9 9	19 19	က က
DAWSON COUNTY Sheriff Glendive TOTAL	12 12	5,827 5,978 11,805	1,973.6 4,951.5 3,481.6	115 296 411	2	7 7	2	3 19 22	12 19 31	96 232 328	3 21 24
DEER LODGE COUNTY Sheriff TOTAL	0	12,518 12,518	0	0							
FALLON COUNTY Sheriff Baker TOTAL	12	1,409 2,354 3,763	1,632.4 1,231.9 1,381.9	23 29 52				ε - 4	°° €	15 17 32	2 8 20
FERGUS COUNTY Sheriff Lewistown TOTAL	12	5,972 7,104 13,076	1,925.7 5,025.3 3,617.3	115 357 472				7 34 41	19 81 100	85 224 309	4 18 22

	MONTHS CONTRIB- UTED	1980 POPULATION ESTIMATE	CRIME RATE PER 100,000	TOTAL	HOMICIDE	RAPE	ROBBERY	AGGRAVATED ASSAULT	BURGLARY	LARCENY/ THEFT	MOTOR VEHICLE THEFT
	27 27 27	34,503 3,112 10,648 3,703 51,966	3,904.0 4,595.1 8,874.9 6,805.3 5,170.7	1,347 143 945 252 2,687		12 1	2 7 7	129 4 37 10	344 8 98 422	766 122 750 181	94 8 8 19 173
	11 12 12	20,485 21,645 735 42,865	1,171.6 6,722.1 14,966.0 4,210.9	240 1,455 110 1,805		4 6 10	4 4	12 52 2 66	26 158 16 200	185 1,150 78 1,413	13 85 14 112
	0	1,656 1,65 6	0	0							
	0 4 0	2,058 4,882 3,688 10,628	0 61.5 0 28.2	0 % 0 %				2 2		-	
GOLDEN VALLEY COUNTY Sheriff TOTAL	0	1,026 1,026	0	0							
	12	2,700	3,740.7 3,740.7	101 101		က း		ထထ	26 26	53 53	11
	7 A 12	5,190 1,904 10,891 17,985	2,061.7 1,470.6 5,362.2 3,997.8	107 28 584 719		က က	- 1	6 4 7 17	40 6 55 101	58 15 489 562	3 32 35
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AGENCY	MONTHS CONTRIB- UTED	1980 POPULATION ESTIMATE	CRIME RATE PER 100,000	TOTAL	HOMICIDE	RAPE	ROBBERY	AGGRAVATED ASSAULT	BURGLARY	LARCENY/ THEFT	MOTOR VEHICLE THEFT
JEFFERSON COUNTY Sheriff TOTAL	12	7,029 7,029	2,418.6 2,418.6	170 170				13 13	33 33	107 107	16 16
JUDITH BASIN COUNTY Sheriff TOTAL	12	2,646 2,646	75.6 75. 6	2 2							
LAKE COUNTY Sheriff St. Ignatus Flathead Tribe Ronan TOTAL	12 6 A 12	13,324 877 3,325 1,530 19,056	2,334.1 456.1 1,744.4 6,993.5 2,518. 9	311 4 58 107 480		2 2	w ⊢4	11 2 16	141 1 2 17 161	139 3 53 79 274	15 8 23
LEWIS AND CLARK COUNTY Sheriff East Helena Helena TOTAL	12 12	17,454 1,647 23,938 43,03 9	3,300.1 2,732.2 11,909.9 8,067.1	576 45 2,851 3,472	2 2	8 9 2	3 16	21 2 31 54	116 650	388 36 2,138 2,562	46 1 120 16 7
LIBERTY COUNTY Sheriff TOTAL	12	2,329 2,32 9	2,018.0	47				ကက	æ œ	35 35	
LINGOLN COUNTY Sheriff Libby TOTAL	12	15,004 2,748 17,752	3,439.1 8,369.7 4,202.3	516 230 746	1	s - 4	5 2	34 39	113 33 146	319 186 505	44 5 49
MCCONE COUNTY Sherif TOTAL	12	2,702 2,702	703.2 7 03.2	19					2 2	17	
MADISON Sheriff TOTAL	თ	5,448 5,448	458.9 458.9	25		1	1	& &	4 4	7 7	4
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MOTOR VEHICLE THEFT		10	104 198 302	9	2 14 16		18 18	14
LARCENY/ THEFT	23	57 57	811 3,361 4,172	48 48	14 136 15 0		58 4 62	53 45 98
BURGLARY	ო ო	23	259 378 637	16 16	2 43 45		11 12	7 2 6
AGGRAVATED ASSAULT		10 10	49 80 129	9	κ − 4		2 - 8	3 8
ROBBERY	1		5 28 33				1	
RAPE			13 17 30		- -			1 1
HOMICIDE			n 3.2					
TOTAL	28 28	100	1,243 4,065 5,308	77	21 196 217	0	96 9 06	77 49 0 126
CRIME RATE PER 100,000	1,299.9 1,299.9	2,721.1	2,915.9 12,175.0 6,982.7	1,738.9	370.6 2,802.4 1,714.1	0	3,000.0 253.5 1,788.7	2,552.2 1,594.0 0 1,871.9
1980 POPULATION ESTIMATE	2,154 2,154	3,675 3,675	42,628 33,388 76,016	4,428 4,428	5,666 6,994 12,660	655 655	3,000 2,367 5,367	3,017 3,074 640 6,731
MONTHS CONTRIB- UTED	9	12	12	12	3	0	12	12 12 0
AGENCY	MEAGHER COUNTY Sherif TOTAL	MINERAL COUNTY Sheriff TOTAL	MISSOULA COUNTY Sheriff Missoula TOTAL	MUSSELSHELL COUNTY Shenff TOTAL	PARK COUNTY Sheriff Livingsron TOTAL	PETROLEUM COUNTY Sherif TOTAL	PHILLIPS COUNTY Sheriff Mata TOTAL	PONDERA COUNTY Sherif Conrad Valier TOTAL

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MOTOR VEHICLE THEFT	7- 1-	10	u, u,	20 6 26	38 38	27	14 14	4
LARCENY/ THEFT	15 1 5	201	21	260 24 140 424	234 234	201 83 9 293	149 24 173	70
BURGLARY	ဗ က	32 32	10 10	122 1 29 15 2	55 55	50 51 7 108	27 30 5 7	30
AGGRAVATED ASSAULT	4	11 11		30 1 15 46	6 6	2 26 28	10 28 38	91
ROBBERY				1	1			
RAPE	1			2 1		5 ع		2
HOMICIDE								
TOTAL OFFENSES	24 24	254	36 3 6	435 26 191 652	0 337 337	281 165 16 462	201 82 263	122
CRIME RATE PER 100,000	952.4 952.4	3,650.5 3,650 .5	1,960.8 1,960.8	2,335.6 2,154.1 7,177.8 2,898.7	0 5,885.4 2,752.6	6,317.4 3,284.2 1,608.0 4,413.9	3,243.5 2,215.0 2,858.9	1,406.3
1980 POPULATION ESTIMATE	2,520 2, 52 0	8 56 '9 856'9	1,836 1,836	18,625 1,207 2,661 22, 493	6,517 5,726 12,243	4,448 5,024 995 10,46 7	6,197 3,702 9,899	8,675
MONTHS CONTRIB UTED	12	12	12	12 10 12	0	12 A 3	12 A	12
AGENCY	POWDER RIVER COUNTY Sheriff TOTAL	POWELL COUNTY Deer Lodge-Powell County Combined TOTAL	PRAIRIE COUNTY Sheriff TOTAL	RAVALLI COUNTY Sheriff Stevensville Hamilton TOTAL	RICHLAND COUNTY Sheriff Sidney TOTAL	ROOSEVELT COUNTY Sheriff Fort Peck Tribe Poplar TOTAL	ROSEBUD COUNTY Sheriff Northern Cheyenne TOTAL	SANDERS COUNTY Sheriff

SHERIDAN COUNTY 12 5,414 Sheriff 12 5,414 SILVER BOW COUNTY 12 38,092 SILVER BOW COUNTY 12 38,092 STILLWATER COUNTY 12 5,598 Sheriff 12 3,216 TOTAL 12 3,216 Sheriff 12 3,216 TOTAL 12 6,491 TOTAL 6,491 6,491 TOTAL 12 6,491 TOTAL 6,491 6,491 TOTAL 6,491 6,559 TOTAL 6,559 5,559 TOTAL 6,491 6,491 TOTAL 6,559 6,491 TOTAL 6,559 6,491 TOTAL 6,491 6,559 TOTAL 6,491 6,559 TOTAL 6,491 6,559 TOTAL 6,491 6,491 TOTAL 70 MILEY 981 TOTAL 981 981	73.9 14 73.9	PER TOTAL 000 OFFENSES	HOMICIDE	RAPE	ROBBERY	AGGRAVATED ASSAULT	BURGLARY	LARCENY/ THEFT	MOTOR VEHICLE THEFT
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Y+N0	31 0 31 0	0							
12 5,795 sgow 12 4,455 TOTAL 10,250	35 1,967.2 55 5,836.1 50 3,648.8	114 260 374		2 2	2	1 23 24	22 14 36	83 206 289	5 16 21
WHEATLAND COUNTY Sheriff 5 2,359 TOTAL 2,359	59 1,102.2 59 1,102.2	26 26					6	12 12	លល

AGENCY	MONTHS CONTRIB- UTED	1980 CRI POPULATION RATE ESTIMATE 100,	CRIME RATE PER 100,000	TOTAL. OFFENSES	HOMICIDE	RAPE	ROBBERY	AGGRAVATED ASSAULT	BURGLARY	LARCENY/ THEFT	MOTOR VEHICLE THEFT
WIBAUX COUNTY Sheriff TOTAL	12	1,476	2,235.8 2,235.8	33 33				2 2	& &	20 20	с с
YELLOWSTONE COUNTY Sheriff Laurel Billings TOTAL	12 12 12	35,756 5,481 66,798 108,035	3,646.9 5,728.9 7,802.6 6,322.0	1,304 314 5,212 6,830	8 4 F	7 1 28 36	12 2 70 84	53 2 53 108	233 54 1,239 1,526	887 239 3,482 4,608	109 16 336 461
GLACIER NATIONAL PARK	A			63				ဗ	6	51	
STATE TOTAL		786,415	4,678.3	36,791	30	166	257	1,243	7,027	25,749	2,319

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